

Air Pollutant Emission Notice (APEN) – and – Application for Construction Permit OIL AND GAS EXPLORATION AND PRODUCTION CONDENSATE STORAGE TANK BATTERY

Current Status (Check all that apply) AIRS ID # ¹ : _____ <input type="checkbox"/> New or previously unreported battery <input type="checkbox"/> Previously grandfathered battery ² <input type="checkbox"/> Synthetic minor facility <input type="checkbox"/> Located in the 8-hr Ozone Control Area ³ <input type="checkbox"/> Registered under general permit no. GP01 <input type="checkbox"/> Permitted under individual permit: _____		Reason for APEN Submittal (Check all that apply) <input type="checkbox"/> APEN update only ⁴ <input type="checkbox"/> Modification to existing source ⁵ <input type="checkbox"/> Registration for coverage under general permit no. GP01 & cancellation request for individual permit ⁶ : _____ <input type="checkbox"/> Application for or Modification of an individual permit <input type="checkbox"/> Administrative permit amendment ⁷ <input type="checkbox"/> Other: _____		
For individual permit applications, check if you want ⁸ : <input type="checkbox"/> A copy of the preliminary analysis conducted by the Division <input type="checkbox"/> To review a draft of the permit prior to issuance				
Company Name ⁹ : _____		OGCC Operator #: _____		
Mailing Address ¹⁰ : _____				
City: _____		State: _____ Zip: _____ E-mail: _____		
Contact Name: _____		Phone: _____ Fax: _____		
Tank Battery Name ¹¹ : _____ Number of tanks: _____				
Location ¹² (QQ Sec. Twp. Range.): _____		County: _____ Total tank capacity [bbl]: _____		
Calendar year for which "Actual" data applies ¹³ : _____		Year(s) tank(s) were placed in service ¹⁴ : _____		
Control Description ¹⁵ : _____		Control Efficiency ¹⁶ : _____		
Condensate Throughput ¹⁷ [bbl/year]		Requested ¹⁸ : _____ Maximum for PTE calculation ¹⁹ : _____		
		Actual ²⁰ : _____ While Controls Operational ²¹ : _____		
Other equipment at facility ²² : _____				
Comments: _____				
Estimated emissions at throughputs listed above. <i>Use N/A for requested throughput / emission values unless requesting an individual permit</i> <input type="checkbox"/> Check if the Division is to calculate emissions. <input type="checkbox"/> Check if site-specific emission factors provided to calculate emissions ²³ .				
Pollutant ²⁴	Emission Factor [lb/bbl]	Battery PTE ²⁵	Requested Emissions ¹⁸ Uncontrolled ²⁶ Controlled ²⁷	Actual Emissions ²⁰ Uncontrolled ²⁶ Controlled ²⁷
VOC [tons/year]				
NOx [tons/year]				
CO [tons/year]				
Benzene [lbs/year]				
n-Hexane [lbs/year]				
Wells serviced by this tank or tank battery²⁸				
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
API #: _____	Name: _____	<input type="checkbox"/> Newly Reported Well		
The signature below indicates that I have knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. If this is a registration for coverage under general permit GP01, I further certify that this source is and will be operated in full compliance with each condition of general permit GP01.				
Signature of Legally Authorized Person (not a vendor or consultant) _____			Date _____	
Type or Print Name of Person Signing Above _____			Official Title _____	
Submit this form, along with \$152.90 for each filing of up to 5 tank battery APENS. Include \$250 General Permit fee for each new GP registration to:		Colorado Department of Public Health and Environment Air Pollution Control Division, APCD-SS-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530		For information call: (303) 692-3150

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Notes and Instructions

See PS Memo 05-01: Condensate Tank Guidance for further information on policies, APEN requirements, definitions and emission calculations.

¹ **AIRS ID #:** For previously reported sources, the AIRS ID number is the 10 digit point number found in the detail section of the Division's annual emission fee invoice. For newly reported sources, leave blank so the Division may assign one.

² **Previously grandfathered:** Batteries installed prior to 12/30/02 and not subsequently modified are grandfathered from minor source permitting.

³ **8-hour Ozone Control Area:** Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, Jefferson, and portions of Larimer and Weld counties.

⁴ **APEN Update Only:** This notice is valid for five (5) years unless a significant change is made. A revised APEN shall be filed no less than 30 days prior to the expiration date of this APEN form.

⁵ **Modification to existing source:** Modifications include but are not limited to well additions, tank installation or replacement, repiping, etc.

⁶ **General Permit Registration:** This APEN will be considered a cancellation request for an individual permit, if general permit coverage is selected for a battery. The individual permit will not be cancelled until the general permit registration is approved.

⁷ **Administrative Permit Amendment:** This includes company name changes, transfer of ownership, and other changes defined in Regulation No. 3, Part A, Section I.B.1. You must also submit a general *Permit Application* form to document the administrative amendment.

⁸ **Review Draft Request:** Review requests will usually add to both processing time and costs. Any additional charges incurred by the Division in providing a draft and correspondence with the applicant will be billed to the applicant. The Division will consider the request an official extension of the processing deadlines specified by Regulation No. 3, Part B, Section III.

⁹ **Company Name:** The name of the owner or operator of the condensate storage tank battery.

¹⁰ **Mailing Address:** This is the address to which correspondence, including permits and fee invoices, will be sent. If invoices are to be sent to a different address please attach a separate page with billing address(s).

¹¹ **Tank Battery Name:** A unique name for each tank battery.

¹² **Location:** The legal STR (Section, Township, Range) location of the facility to the nearest Quarter-Quarter Section.

¹³ **Calendar year for which "Actual" data applies:** Emissions reported in this APEN will be used to calculate annual emission fees for this and all subsequent years until a revised APEN is filed.

¹⁴ **Year(s) tank(s) were placed in service:** The year that the battery was installed or placed in service.

¹⁵ **Control Description:** List any control equipment such as flares, VRUs, carbon canisters, or other capture devices, which reduce VOC emissions.

¹⁶ **Control Efficiency:** Enter the control efficiency (reflecting the combined destruction and capture efficiency) while controls are operational.

¹⁷ **Condensate Throughput:** The quantity of condensate transferred through this tank battery annually in units of barrels of condensate per year.

¹⁸ **Requested:** Requested throughput / emission levels are used for individual permitting purposes and should include a reasonable margin above actual values. *Use N/A for requested throughput / emission values if the battery retains grandfathered status or if applying for GP coverage.*

¹⁹ **Maximum for PTE calculation:** Multiply the greater of the highest rolling 12-month production total during the last five years or the projected throughput for the following 12-month period by a factor of 1.2.

²⁰ **Actual:** Actual reporting levels should represent the best estimates of total annual condensate throughput and pollutant emissions for the specified data year. For the first year of operation, projected annual throughputs / emissions are acceptable. In subsequent years, actual data from the previous calendar year should be used.

²¹ **While Controls Operational:** The best estimates of actual condensate throughput while controls were installed and operational. If controls were operational for the entire calendar year, this value will be equal to the actual annual throughput. Otherwise, the throughput subjected to controls should be proportioned based on the dates the controls were operational.

²² **Other equipment at facility:** Enter the AIRs ID of other APEN reportable equipment at facility if assigned to a different AIRs facility ID.

²³ **Site-specific emission factors:** Check this box if site specific emission factors are provided and used to estimate emissions. Attach supporting site-specific emission factor documentation. State EFs may be used only if uncontrolled emissions calculated with the state EFs are less than 80 tpy.

²⁴ **Pollutant:** Estimated annual emissions of the specified criteria and non-criteria reportable pollutants (NCRP) emitted by this tank battery and associated control equipment. If values are left blank, the Division will estimate emissions based on the reported condensate throughputs. If NCRP other than those listed are emitted above reporting thresholds, attach a completed Non-Criteria Reportable APEN Addendum listing these emissions.

²⁵ **Potential to Emit (PTE):** Estimated annual maximum potential tonnage of pollutant emitted by this tank or tank battery calculated by multiplying the "Maximum for PTE" throughput value by the appropriate emission factor. Note: This PTE value is for the battery only, the emissions from other equipment at the same stationary source should be considered when determining the PTE for the facility.

²⁶ **Uncontrolled:** Estimated uncontrolled emissions from this tank battery based on the annual condensate throughput.

²⁷ **Controlled:** Estimated controlled emissions from this tank battery. This value is calculated by applying the appropriate control efficiency to emissions generated from throughput "while controls operational". A control efficiency of zero should be used for emissions generated while no controls were operating. These two values are summed to obtain the annual controlled emissions.

²⁸ **Wells serviced by this tank or tank battery:** List all wells from which this tank battery receives condensate. Provide the well name and API number as reported to the Colorado Oil and Gas Commission. Check if this well has not previously been reported for this tank battery.